

## Listing of Claims

The following listing of claims is intended to supercede all previously filed listings of claims. Changes are shown with deletions in ~~striketrough~~ and additions underlined.

Kindly enter the following amendments to the claims:

**Claim 1 (currently amended).** A system for coordinating the activities of one or more computers, comprising:

a reload register adapted to transmit a reload value;

a mission timer adapted to generate timer count values and to selectively generate an interrupt signal based upon said reload value transmitted from said reload register;

a first timer capture register adapted to capture a first timer count value when a first PPS signal is received; ~~and~~

~~software adapted to generate said reload value based upon said first timer count value~~

a second timer capture register adapted to capture a second timer count value when a second PPS signal is received; and

software adapted to generate a consensus PPS value based upon said first timer count value and said second timer count value and to generate said reload value based upon said consensus PPS value.

**Claim 2 (cancelled).**

**Claim 3 (original).** The system as recited in claim 1, wherein said first PPS signal is generated by a local PPS signal generator.

**Claim 4 (cancelled).**

**Claim 5 (original).** A method for coordinating the activities of one or computers, comprising:

capturing a first timer count value with a first timer capture register when a first PPS signal is received;

capturing a second timer count value with a second timer capture register when a second PPS signal is received;

generating a consensus timer count value based upon the first captured timer count value and the second captured timer count value;

generating a reload value based upon the consensus timer count value; and

generating an interrupt signal based upon the reload value.

**Claim 6 (cancelled).**

**Claim 7 (new).** The system as recited in claim 1, wherein said second PPS signal is generated by a local PPS signal generator.

**Claim 8 (new).** The system as recited in claim 1, wherein the period of the interrupt signal is less than one second.

**Claim 9 (new).** The system as recited in claim 8, wherein the period of the interrupt signal is approximately 10 ms.

**Claim 10 (new).** The method as recited in claim 5, wherein the period of the interrupt signal is less than one second.

**Claim 11 (new).** The method as recited in claim 10, wherein the period of the interrupt signal is approximately 10 ms.